



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor,  
Temple A. Reynolds, Executive Director  
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4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 10, 1984

Mr. Bob Elderkin  
Oil Shale Project Office  
Bureau of Land Management  
P. O. Box 580  
Grand Junction, Colorado 81501

Dear Mr. Elderkin:

RE: Cost Breakdown for White River Shale Oil Corporation,  
White River Shale Project, ACT/047/017, Uintah County, Utah

I have listed the cost estimates for the White River Shale Project. They are:

Original Abandonment Costs for 110 Acres:

<u>ITEM</u>	<u>COST</u> (includes salvage value)
Electrical System	
Camps	\$ 9,000.00
Mines	\$ 74,000.00
Major Equipment Removal	\$ 75,000.00
Buildings/Earthwork	\$ 662,000.00
Revegetation (110 ac @ 20 lbs/ac @ \$42.00/lb)	
Seed	\$ 92,400.00
Revegetation (110 ac @ 1,750 plants/ac @ \$2.00/plant)	
Transplant	\$ 385,000.00
Seal Mine	\$ 80,000.00
Monitoring	\$ 10,000.00
Management Fee (10% of subtotal)	<u>\$ 138,740.00</u>
	\$1,526,140.00 (1982 dollars)

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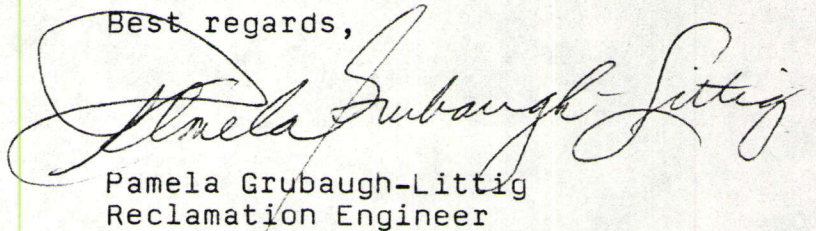
In late 1982, White River Shale Oil Corporation (WRSOC) requested the Division bond an additional 360 acres to make the total bonded area 470 acres (letter enclosed from WRSOC to Division on November 19, 1982).

The additional bond was figured for seeding, transplants and topsoil. From the original estimate at:

Seeding =	\$ 840/ac
Transplants =	\$3,500/ac
6" topsoil =	\$2,821/ac
	<u>\$7,161/ac for 360 ac =</u>
	\$2,577,960.00
 360 ac at \$3,000/yr for three years (monitoring) =	 \$ 9,000.00
	<u>\$2,586,960.00</u>
 10% Contingency	 \$ 258,696.00
	<u>\$2,845,656.00 (1983 dollars</u>
	for 360 ac
 \$2,845,656.00 (360 ac) + \$1,526,140.00 (110 ac) = \$4,345,656.00 Rounded to \$4.4 million	

If you have any further questions regarding this, please call me.

Best regards,

  
Pamela Grubaugh-Littig  
Reclamation Engineer

btb  
cc: Ron Daniels  
8808R-27 & 28